



Pre-Veterinary Medicine

This sequence prepares students for entry into schools or colleges of Veterinary Medicine. The program of study includes Animal Science, Biology, Chemistry, Physics and Math courses. Graduates of Veterinary Medicine with a DVM may find career opportunities in clinical practice, with government agencies and in private industry.



department of
Agriculture
illinois state university

The Pre-Veterinary Medicine Sequence

Students must complete at least 36 hours in Agriculture required

Required Courses for this sequence are:

AGR 109 — Introduction to the Agricultural Industry
AGR 170 — Introduction to Animal Science

AGR 173.01 — Introduction to Animal Science Laboratory— Farm Animals (2 hrs)

Or

AGR 173.02 — Introduction to Animal Science Laboratory— Companion Animals (2 hrs)

AGR 272 — Agricultural Genetics

AGR 275 — Introduction to Animal Nutrition

AGR 282 — Anatomy and Physiology of Farm Animals

AGR 283 — Reproductive Physiology and Artificial Insemination of Farm Animals

AGR 286 — Behavior of Domestic Animals

Either

AGR 380 — Current Issues in the Livestock Industry

Plus

AGR 381.01 — Livestock Industry — Beef Cattle

Or

AGR 381.02 — Livestock Industry — Dairy Cattle

Or

AGR 381.03 — Livestock Industry — Swine

Or

AGR 398 — Professional Practice: Internship in Agriculture

Plus One From:

AGR 110 — Introductory Agricultural Economics

AGR 120 — Introductory Horticulture

AGR 130 — Introduction to Agricultural Engineering Technology

AGR 150 — Principles of Agronomy

AGR 157 — Soil Science

Four hours of Animal Science Electives

CHE 140 and 141 – General Chemistry I and II

CHE 230—Organic Chemistry I

CHE 231 – Organic Chemistry Laboratory

CHE 242 or 342 — Basic Biochemistry or General Biochemistry I

MAT 144 or MAT 145 – Precalculus or Calculus I

BSC 196 - Biological Diversity Molecular

BSC 197 – Cellular Basis of Life

PHY 108 and 109 — College Physics I and II or PHY 110 and 111 — Physics for Science and Engineering I
and Physics for Science and Engineering II

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